Receiver Spacing (ft)	Masking Interval	Masking Start Frequency, Hz	Masking Stop Frequency, Hz	Number of Jumps	Filename
	1	0	8.81	1	
50	2	24.44	25.5	2	3G7_F_21.DAT
	3	49.94	50		
	1	0	7.88	1	
50	2	23.63	24.75	2	3G8_F_21.DAT
	3	47.5	50	-	te .
50	1	0	7.88	1	2C9 E 12 DAT
50	2	45.63	50	-	500_F_45.DA1
	1	0	4.75	1	
100	2	21.38	23.06	3	3G5_F_21.DAT
	3	42.81	50	**	
	1	0	4.88	1	
100	2	11.56	12.69	2	2C0 E 21 DAT
	3	20.25	22	3	JU9_F_21.DA1
	4	49.88	50	80	

Table N.3Tables of Masking Parameters Used on Data Collected during Third Site<br/>Visit at Site A (Continued)

\_\_\_\_ Checked by <u>Jin-Cheng</u> Lin Performed by Jiabei Yuan



Figure N.31 Experimental Dispersion Curve Measured during Third Site Visit at Site A at Vogtle, GA; Linear Wavelength Axis

Wavelength (m)



Figure N.32 Experimental Dispersion Curve Measured during Third Site Visit at Site A at Vogtle, GA; Logarithmic Wavelength Axis



Figure N.33 Experimental and Theoretical Dispersion Curves from Site A in Third Site Visit at Vogtle, GA; Linear Wavelength Axis



Figure N.34 Experimental and Theoretical Dispersion Curves from Site A in Third Site Visit at Vogtle, GA; Logarithmic Wavelength Axis



Figure N.35 Shear Wave Velocity Profile Determined at Site A during Third Site Visit at Vogtle, GA

Table N.4Profile Parameters Used to Develop Preliminary Theoretical DispersionCurve at Site A in the Third Site Visit at Vogtle, GA

Layer No.	Thickness, ft	Depth to Top of Layer, ft	S-Wave Velocity, ft/s	Assumed Poisson's Ratio	P-Wave Velocity, ft/s	Assumed Total Unit Weight, pcf
1	0.65	0.0	355	0.24	607	128
2	0.95	0.65	550	0.24	940	128
3	1.2	1.6	630	0.24	1077	128
4	1.7	2.8	700	0.24	1197	128
5	2.0	4.5	770	0.24	1317	128
6	3.6	6.5	900	0.24	1539	128
7	3.0	10.1	980	0.24	1676	128
8	4.0	13.1	1100	0.24	1881	128
9	3.0	17.1	1200	0.24	2052	128
10	4.0	20.1	1250	0.24	2137	128
11	4.0	24.1	1350	0.24	2308	128
12	46.0	28.1	780	0.24	1334	128
13#	24.9	74.1	1900	0.42	5000	135
14* <sup>#</sup>	5.1	99.0	1900	0.42	5000	135
15* <sup>#</sup>	Half Space	104.1	2200	0.38	5000	135

\* Layer below maximum depth of the V<sub>S</sub> Profile.

# Layer below water tatble.

6ver Jin-Cheng Lin Checked by Performed by Kenneth H. Stokoe, II

N.19 Page 231 of 546

## Appendix O

## SASW Measurements of Third Site Visit at Vogtle, GA Site Location: Site B

1. Data Sheet(s)	O.2
2. Phase Plots from SASW Tests	O.4
3. Table of Masking Parameters	0.15
4. Experimental Dispersion Curves	0.18
5. Matching the Experimental and Theoretical	
Dispersion Curves	0.19
6. Shear Wave Velocity Profile	O.20
7. Table of Profile Parameters	O.20

3 - Receiver SASW Data Sheet
Project : Vogtle
Location : B(SA3#2)
Date/(Time): Dec 1 2712007 : ~ : )
Personnel: Autor, Yuan
Recorded by : Fuan
Checked by :
PILD . 117 07-4542-04
R21.D.: 11.707-4547-02
R31D : 11.767 - 1544 - 62

Data Sheet #	:_\$7	1#2	83	
Disk # :	SA	3# 2		
eler	ノニ	55	2.J	2

Page /\_\_\_\_ of \_\_\_\_

Sketch

Distance (ft)		Impact Impact		Record #	Freq. Range	Notes			
S - R1	R1 - R2	R2 - R3	Direc	ction	Source		(Hz)		
1	1	2	G	Rev	Small homenon	3BI	0-800	ан сараан и сараан и Колсония и сараан и с	
1	1	2	For	6v	11	332	0~ 800		
1	i	2	For	Ø	smal ph med	3133	0-800	1 time average	
f	1	2	Ø	Rick	small on	3134	0-800	8 time average	
2	2	6	For	Ber	home	385	0 - 400	,	
3	3	6	Ø	Rev	15	336	6-400		
9	9	(8	For	Rev	Big	337	0 - 200		
9	9	18	Ø	Rev	sledge	388	0-200		
9	9	18	For	Rev	Brog	3139	n - 200		
9	9	18	For	Ø	sedge	BIO	0 ~ 200	-	
			For	Rev			~		
			For	Rev			AV		
			For	Rev			~		
T20'sbbeccling			For	Rev			enço		
			For	Rev			94y		
			For	Rev			44°.		

\* Autosequence 3R\_SASW saves F\_2/1, C\_2/1, F\_4/3, C\_4/3, Lin\_1, Lin\_2, Lin\_4

\* Autosequence 3R\_SEWPSIN saves F\_2/1, Var\_2, F\_4/3, Var\_4, Lin\_1, Lin\_2, Lin\_4

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3 - Receiver SASW Data Sheet	Page of
Project : $VogHe$ Location : $G(AB # 7)$	Data Sheet # : <u>SA 3 # 7</u> Disk # : <u>SA 3 # 7</u>
Date/(Time) : $(22C / 2) (200) (2 - 2)$	
Personnel : Stoke, Tuan	Sketch
Recorded by: <u>Yuan</u> Checked by: <u>Avlan</u> BILD: 3773 (1142) (26	H Jo Tomp up
R21.D.: <u>174 (142)</u> (21 R31.D.: <u>375 (1142)</u> (25	Soft Soft
	wh r

Di	stance	(ft)	Impact		Impact		Impact Impact Record		Pocord #	Freq. Range	Notas Cimput
S - R1	R1 - R2	R2 - R3	Dire	ction	Source	Recolu #	(Hz)	Woles ( Wittage )			
25	25	25	Ø	Rev	bull dozer	3G1	0 - (00	Jus mu			
50	50		0	Rev	4	362	o ~ lou				
50	50	50	19	Rev	N.	263	0-600				
to	57	52	Ø	Rev	1	364	0-50.	256 MU			
Cul .	100		Ør	Rev	11	365	0-50	100 mu			
25	25	25	For	FO	dozer	366	0-100	Suo mu			
50	5	-	For	Ber	~1	367	0-50	250 mV			
85	50	50	For	Øv	11	368	0-50	ISOmu			
100	100		For	G.	м	369	0-50	IvomV			
			For	Rev			~				
			For	Rev			~				
			For	Rev			~				
	÷		For	Rev			~	:			
			For	Rev			~				
			For	Rev			~				
			For	Rev			~				

\* Autosequence 3R\_SASW saves F\_2/1, C\_2/1, F\_4/3, C\_4/3, Lin\_1, Lin\_2, Lin\_4

\* Autosequence 3R\_SEWPSIN saves F\_2/1, Var\_2, F\_4/3, Var\_4, Lin\_1, Lin\_2, Lin\_4

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Figure O.2 Phase Plots Measured by SASW Testing with 1-ft Receiver Spacing (3B3\_F\_21.DAT)



Figure O.3 Phase Plots Measured by SASW Testing with 1-ft Receiver Spacing (3B4\_F\_21.DAT)



Figure O.4 Phase Plots Measured by SASW Testing with 2-ft Receiver Spacing (3B3\_F\_43.DAT)



Figure O.5 Phase Plots Measured by SASW Testing with 2-ft Receiver Spacing (3B4\_F\_43.DAT)



Figure O.6 Phase Plots Measured by SASW Testing with 3-ft Receiver Spacing (3B5\_F\_21.DAT)



Figure O.7 Phase Plots Measured by SASW Testing with 3-ft Receiver Spacing (3B6\_F\_21.DAT)



Figure O.8 Phase Plots Measured by SASW Testing with 6-ft Receiver Spacing (3B5\_F\_43.DAT)



Figure O.9 Phase Plots Measured by SASW Testing with 6-ft Receiver Spacing (3B6\_F\_43.DAT)



Figure O.10 Phase Plots Measured by SASW Testing with 9-ft Receiver Spacing (3B7\_F\_21.DAT)



Figure O.11 Phase Plots Measured by SASW Testing with 9-ft Receiver Spacing (3B8\_F\_21.DAT)



Figure O.12 Phase Plots Measured by SASW Testing with 9-ft Receiver Spacing (3B9\_F\_21.DAT)



Figure O.13 Phase Plots Measured by SASW Testing with 9-ft Receiver Spacing (B10\_F\_21.DAT)



Figure O.14 Phase Plots Measured by SASW Testing with 18-ft Receiver Spacing (3B7\_F\_43.DAT)



Figure O.15 Phase Plots Measured by SASW Testing with 18-ft Receiver Spacing (3B8\_F\_43.DAT)



Figure O.16 Phase Plots Measured by SASW Testing with 18-ft Receiver Spacing (3B9\_F\_43.DAT)



Figure O.17 Phase Plots Measured by SASW Testing with 18-ft Receiver Spacing (B10\_F\_43.DAT)



Figure O.18 Phase Plots Measured by SASW Testing with 25-ft Receiver Spacing (3G1\_F\_21.DAT)



Figure O.19 Phase Plots Measured by SASW Testing with 25-ft Receiver Spacing (3G1\_F\_43.DAT)



Figure O.20 Phase Plots Measured by SASW Testing with 25-ft Receiver Spacing (3G6\_F\_21.DAT)



Figure O.21 Phase Plots Measured by SASW Testing with 25-ft Receiver Spacing (3G6\_F\_43.DAT)



Figure O.22 Phase Plots Measured by SASW Testing with 50-ft Receiver Spacing (3G2\_F\_21.DAT)



Figure O.23 Phase Plots Measured by SASW Testing with 50-ft Receiver Spacing (3G3\_F\_21.DAT)



Figure O.24 Phase Plots Measured by SASW Testing with 50-ft Receiver Spacing (3G3\_F\_43.DAT)



Figure O.25 Phase Plots Measured by SASW Testing with 50-ft Receiver Spacing (3G4 F 21.DAT)



Figure O.26 Phase Plots Measured by SASW Testing with 50-ft Receiver Spacing (3G4\_F\_43.DAT)



Figure O.27 Phase Plots Measured by SASW Testing with 50-ft Receiver Spacing (3G7\_F\_21.DAT)



Figure O.28 Phase Plots Measured by SASW Testing with 50-ft Receiver Spacing (3G8\_F\_21.DAT)



Figure O.29 Phase Plots Measured by SASW Testing with 50-ft Receiver Spacing (3G8\_F\_43.DAT)



Figure O.30 Phase Plots Measured by SASW Testing with 100-ft Receiver Spacing (3G5\_F\_21.DAT)



Figure O.31 Phase Plots Measured by SASW Testing with 100-ft Receiver Spacing (3G9\_F\_21.DAT)

Receiver Spacing (ft)	Masking Interval	Masking Start Frequency, Hz	Masking Stop Frequency, Hz	Number of Jumps	Filename
1	1	0	208	1	2D2 E 21 DAT
1	2	312	800	-	3B2_F_2I.DA1
1	1	0	186	1	2D2 E 21 DAT
1	2	425	800	-	3D3_F_21.DA1
1	1	0	213	1	2D4 E 21 DAT
1	2	355	800	-	504_F_21.0A1
2	1	0	139	1	2P2 E 12 DAT
2	2	425	800	-	5D5_T_45.DA1
	1	0	140	- 1	
2	2	208	317	2	3B4_F_43.DAT
	3	394	800	-	
	1	0	87.5	1	
3	2	125	176.5	1 .	3B5_F_21.DAT
	3	305.5	400		
	1	0	89	1	
3	2	124.5	198.5	1	3B6_F_21.DAT
	3	310	400	-	
	1	0	51	1	
6	2	122	150	2	3B5_F_43.DAT
	3	224	400	-	
	1	0	51.5	1	
6	2	59	62	1	2D6 E 42 DAT
0	3	115	154.5	2	5D0_1_45.DA1
	4	218.5	400	-	
0	1	0	40.5	1	207 E 21 DAT
9	2	126.75	200	-	3D7_F_21.DA1
	1	0	39	1	
9	2	77.25	130	2	3B8_F_21.DAT
	3	196.25	200	-	
0	1	0	36.5	1	2D0 E 21 DAT
9	2	161.25	200		JD9_F_21.DA1

Table O.1Tables of Masking Parameters Used on Data Collected during Third Site<br/>Visit at Site B

Performed by <u>Laber</u> Checked by <u>Jin-Cheng Lin</u>.

Receiver	Masking	Masking Start	Masking Stop	Number of	Filonomo	
Spacing (ft)	Interval	Frequency, Hz	Frequency, Hz	Jumps	Fliename	
0	1	0	39.5	1	B10 E 21 DAT	
,	2	124.75	200	-	DIU_I_ZI.DAI	
	1	0	50.75	1		
18 .	2	60	62	2	3B7_F_43.DAT	
	3	122.5	200	-		
18	1	0	69.5	1	2D8 E 42 DAT	
10	2	104	200	. 157	3D8_F_43.DA1	
	1	0	27.75	1		
10	2	29.25	32.25	1	2D0 E 42 DAT	
10	3	59.5	61.5	2	5D9_F_45.DA1	
	4	122.5	200	-		
	1	0	28	1		
18	2	29.25	32	- 1	B10_F_43.DAT	
	3	181.5	200	-		
25	1	0	16.25	1	2C1 E 21 DAT	
23	2	76.62	100		501_F_21.DA1	
25	1	0	17.62	1	2C1 E 42 DAT	
23	2	67.25	100	CM	301_F_43.DA1	
	1	0	16.62	1		
25	2	38.25	41.25	2	3G6_F_21.DAT	
	3	82	100	-	Devide (20090)	
25	1	0	17.88	1	206 E 42 DAT	
23	2	72.25	100		300_F_43.DAT	
50	1	0	9	1	2C2 E 21 DAT	
50	2	66.38	100		3G2_F_21.DA1	
50	1	0	8.88	1	2C2 E 21 DAT	
50	2	68.62	100	-	3G5_F_21.DA1	
50	1	0	7.75	1	202 E 42 DAT	
50	2	42.62	100		303_F_43.DAT	
50	1	0	9	1	204 E 21 D.T	
50	2	46.75	50	-	304_F_21.DA1	

Table O.2Tables of Masking Parameters Used on Data Collected during Third Site<br/>Visit at Site B (Continued)

\_\_\_\_ Checked by <u>Jin-Cheng</u> Lin. Yin-Cheng Lin Performed by\_\_\_\_ Jiabei Yuan

Receiver Spacing (ft)	Masking Interval	Masking Start Frequency, Hz	Masking Stop Frequency, Hz	Number of Jumps	Filename
50	1	0	7.69	1	204 E 42 DAT
50	2	48	50	-	504_F_45.DAT
	1	0	8.81	1	
50	2	24.44	25.5	2	3G7_F_21.DAT
	3	49.94	50	-	÷
	1	0	7.88	1	
50	2	23.63	24.75	2	3G8_F_21.DAT
	3	47.5	50	-	
50	1	0	7.88	1	268 E 42 DAT
50	2	45.63	50	-	508_T_45.DAT
	1	0	4.75	1	
100	2	21.38	23.06	3	3G5_F_21.DAT
	3	42.81	50	-	
	1	0	4.88	1	
100	2	11.56	12.69	2	200 E 21 DAT
100	3	20.25	22	3	509_F_21.DAI
	4	49.88	50	-	

Table O.3Tables of Masking Parameters Used on Data Collected during Third Site<br/>Visit at Site B (Continued)

Jiabei Jiabei Quan Checked by <u>Jin-Cheng</u> Lin. Performed by\_\_\_\_



Figure O.32 Experimental Dispersion Curve Measured during Third Site Visit at Site B at Vogtle, GA; Linear Wavelength Axis

Wavelength (m)



Figure O.33 Experimental Dispersion Curve Measured during Third Site Visit at Site B at Vogtle, GA; Logarithmic Wavelength Axis



Figure O.34 Experimental and Theoretical Dispersion Curves from Site B in Third Site Visit at Vogtle, GA; Linear Wavelength Axis

Wavelength (m)



Figure O.35 Experimental and Theoretical Dispersion Curves from Site B in Third Site Visit at Vogtle, GA; Logarithmic Wavelength Axis



Figure O.36 Shear Wave Velocity Profile Determined at Site B during Third Site Visit at Vogtle, GA

Table O.4	Profile Parameters Used to Develop Preliminary Theoretical Dispersion
	Curve at Site B in the Third Site Visit at Vogtle, GA

Layer No.	Thickness, ft	Depth to Top of Layer, ft	S-Wave Velocity, ft/s	Assumed Poisson's Ratio	P-Wave Velocity, ft/s	Assumed Total Unit Weight, pcf
1	0.65	0.0	370	0.24	633	128
2	0.95	0.65	550	0.24	940	128
3	1.2	1.6	630	0.24	1077	128
4	1.7	2.8	720	0.24	1231	128
5	2.0	4.5	790	0.24	1351	128
6	3.6	6.5	900	0.24	1539	128
7	3.0	10.1	980	0.24	1676	128
8	4.0	13.1	1100	0.24	1881	128
9	3.0	17.1	1200	0.24	2052	128
10	4.0	20.1	1250	0.24	2137	128
11	4.0	24.1	1350	0.24	2308	128
12	46.0	28.1	780	0.24	1334	128
13#	24.9	74.1	1900	0.42	5000	135
14* <sup>#</sup>	5.1	99.0	1900	0.42	5000	135
15*#	Half Space	104.1	2200	0.38	5000	135

\* Layer below maximum depth of the  $V_S$  Profile.

# Layer below water tatble.

M-Cheng Lin Checked by\_ Performed by Kenneth H. Stokoe, II

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## Appendix P

## SASW Measurements of Third Site Visit at Vogtle, GA Site Location: Site C

1. Data Sheet(s)	P.2
2. Phase Plots from SASW Tests	P.4
3. Table of Masking Parameters	P.14
4. Experimental Dispersion Curves	P.17
5. Matching the Experimental and Theoretical	
Dispersion Curves	P.18
6. Shear Wave Velocity Profile	P.19
7. Table of Profile Parameters	P.19

3 - Receiver SASW Data Sheet
Project : Wýfle
Location : C(543#3)
Date/(Time): Pec / 27/2007(:~:)
Personnel : stokoe Yuan
Recorded by : Yuan
Checked by : Gtp (coe
R11D: 11707-4.5H2-04
R21.D.: 12T07 - 4.5142 -02
R31.D.: UTOT- 4-SHZ - 03

, F

Page of
Data Sheet # : SA ? # }
Disk#:
eterration: 232.49

Sketch

Distance (ft)		Impact		Impact Record #		Freq. Range	Notos	]	
S - R1	R1 - R2	R2 - R3	3 Direction		Source	Record #	(Hz)	NOLES	
1	1	2	F	Rev	Small	301	6-800	soft site at surface	due to rai
ł	L	2	For	Q	12	30'2	0 -800		]
3	3	6	For	RA	meel	363	0 - 400		
3	3	6	Ør	Rev	12	364	0-400		
9	٩	18	Ør	Rev	big	365	0-200		
9	9	(8	РØТ	Rev	stege	306	0 - 200		
9	9	18	For	Ø	619	307	0-200		]
9	9	18	For	Ber	sledge	208	6-200		
			For	Rev	•		~		
			For	Rev			~		
			For	Rev			\$		
			For	Rev			~		
			For	Rev			~		
			For	Rev		8	\$		
			For	Rev			~		
			For	Rev			~		

\* Autosequence 3R\_SASW saves F\_2/1, C\_2/1, F\_4/3, C\_4/3, Lin\_1, Lin\_2, Lin\_4

\* Autosequence 3R\_SEWPSIN saves F\_2/1, Var\_2, F\_4/3, Var\_4, Lin\_1, Lin\_2, Lin\_4

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3 - Receiver SASW Data Sheet									Page	/
Projec Locati	t : on :		Voq	Data Sheet # : <u>SA 3 # 7</u> Disk # : <u>SA 3 # 7</u>						
Date/(	Date/(Time): (22, 27, 2007( : ~ : )									
Perso	nnel	:::	to ko	e	Tuan	Marcal and Control of			Sketch	
Recor	ded by	:	Yu	iar	)			H	- tra	mpdp
Check	ed by	•	57	0/40	e		Lable	1	ti lond	150
R11.D.: 3773 (1142) (26 5 R21.D.: 3774 (142) (21 5										150A
KOLU (III) (IIII) (III) (IIII) (III) (III) (III) (III) (III) (III) (III) (III) (III									944 a.J	
Di	stance	(ft)	Imr	act	Impact		Freg. Range		C.	n dint s
S - R1	R1 - R2	R2 - R3	Dire	ction	Source	Record #	(Hz)		Notes (1	wHage)
25	25	25	Ø	Rev	bull dozer	3G1	0~ 00		Juo mu	
50	50		0	Rev	٩	362	0 - 100	~	<b>R</b>	]
50	Jo	50	19	Rev	11	363	0-600		Notificial and a constant of the second state of the second state of the second state of the second state of the	
00	57	52	67	Rev	1	364	0- 50		250 mu	
WD	100		Edr	Rev	11	365	0-30		100 mu	Contraction of the second s
25	25	25	For	Ø	doror	36.6	0-100		Juo mu	• •
50	10		For	Bar	~1	367	0-50		250 mV	

6-50

~ TO

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R.M.

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\* Autosequence 3R\_SASW saves F\_2/1, C\_2/1, F\_4/3, C\_4/3, Lin\_1, Lin\_2, Lin\_4

50

For

For

For

For

For

For

For

For

For

Øv

Rov.

Rev

Rev

Rev

Rev

Rev

Rev

Rev

11

J

368

50

100

85

100

\* Autosequence 3R\_SEWPSIN saves F\_2/1, Var\_2, F\_4/3, Var\_4, Lin\_1, Lin\_2, Lin\_4

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150mV

100mV







Figure P.2 Phase Plots Measured by SASW Testing with 1-ft Receiver Spacing (3C2\_F\_21.DAT)



Figure P.3 Phase Plots Measured by SASW Testing with 2-ft Receiver Spacing (3C1\_F\_43.DAT)



Figure P.4 Phase Plots Measured by SASW Testing with 2-ft Receiver Spacing (3C2\_F\_43.DAT)



Figure P.5 Phase Plots Measured by SASW Testing with 3-ft Receiver Spacing (3C3\_F\_21.DAT)



Figure P.6 Phase Plots Measured by SASW Testing with 3-ft Receiver Spacing (3C4\_F\_21.DAT)



Figure P.7 Phase Plots Measured by SASW Testing with 6-ft Receiver Spacing (3C3\_F\_43.DAT)



Figure P.8 Phase Plots Measured by SASW Testing with 6-ft Receiver Spacing (3C4\_F\_43.DAT)



Figure P.9 Phase Plots Measured by SASW Testing with 9-ft Receiver Spacing (3C5\_F\_21.DAT)



Figure P.10 Phase Plots Measured by SASW Testing with 9-ft Receiver Spacing (3C6\_F\_21.DAT)



Figure P.11 Phase Plots Measured by SASW Testing with 9-ft Receiver Spacing (3C7\_F\_21.DAT)



Figure P.12 Phase Plots Measured by SASW Testing with 9-ft Receiver Spacing (3C8\_F\_21.DAT)



Figure P.13 Phase Plots Measured by SASW Testing with 18-ft Receiver Spacing (3C5\_F\_43.DAT)



Figure P.14 Phase Plots Measured by SASW Testing with 18-ft Receiver Spacing (3C6\_F\_43.DAT)



Figure P.15 Phase Plots Measured by SASW Testing with 18-ft Receiver Spacing (3C7\_F\_43.DAT)



Figure P.16 Phase Plots Measured by SASW Testing with 18-ft Receiver Spacing (3C8\_F\_43.DAT)



Figure P.17 Phase Plots Measured by SASW Testing with 25-ft Receiver Spacing (3G1\_F\_21.DAT)



Figure P.18 Phase Plots Measured by SASW Testing with 25-ft Receiver Spacing (3G1\_F\_43.DAT)



Figure P.19 Phase Plots Measured by SASW Testing with 25-ft Receiver Spacing (3G6\_F\_21.DAT)



Figure P.20 Phase Plots Measured by SASW Testing with 25-ft Receiver Spacing (3G6 F 43.DAT)



Figure P.21 Phase Plots Measured by SASW Testing with 50-ft Receiver Spacing (3G2\_F\_21.DAT)



Figure P.22 Phase Plots Measured by SASW Testing with 50-ft Receiver Spacing (3G3\_F\_21.DAT)



Figure P.23 Phase Plots Measured by SASW Testing with 50-ft Receiver Spacing (3G3\_F\_43.DAT)



Figure P.24 Phase Plots Measured by SASW Testing with 50-ft Receiver Spacing (3G4\_F\_21.DAT)



Figure P.25 Phase Plots Measured by SASW Testing with 50-ft Receiver Spacing (3G4\_F\_43.DAT)



Figure P.26 Phase Plots Measured by SASW Testing with 50-ft Receiver Spacing (3G7\_F\_21.DAT)



Figure P.27 Phase Plots Measured by SASW Testing with 50-ft Receiver Spacing (3G8\_F\_21.DAT)



Figure P.28 Phase Plots Measured by SASW Testing with 50-ft Receiver Spacing (3G8\_F\_43.DAT)



Figure P.29 Phase Plots Measured by SASW Testing with 100-ft Receiver Spacing (3G5\_F\_21.DAT)



Figure P.30 Phase Plots Measured by SASW Testing with 100-ft Receiver Spacing (3G9\_F\_21.DAT)

		Y			
Receiver Spacing (ft)	Masking Interval	Masking Start Frequency, Hz	Masking Stop Frequency, Hz	Number of Jumps	Filename
	1	0	205	1	
1	2	323	800	-	3C1_F_21.DA1
1	1	0	186	1	202 E 21 DAT
1	2	339	800	-	3C2_F_21.DA1
2	1	0	146	1	
2	2	407	800	-	3CI_F_43.DA1
2	1	0	146	1	202 E 42 DAT
2	2	378	800	×	3C2_F_43.DA1
	1	0	89	1	
2	2	125.5	132	1	202 E 21 DAT
5	3	143.5	225.5	2	5C5_F_21.DA1
	4	308.5	400	-	
	1	0	91	1	
2	2	124	135	1	204 E 21 DAT
2	3	143.5	238	2	5C4_F_21.DA1
	4	303.5	400	-	
	1	0	51.5	1	
6	2	93.5	152.5	2	3C3_F_43.DAT
	3	215.5	400	-	
	1	0	52	1	
6	2	59	62	1	204 E 42 DAT
0	3	108.5	149.5	2	3C4_r_43.DA1
	4	221.5	400	MA	51
0	1 0 41.75		41.75	1	205 E 21 DAT
9	2	126.75	200		3C3_F_21.DA1
0	1	0	38.5	1	206 E 21 DAT
7	2	152.75	200	-	JCU_F_21.DAT
0	1	0	39	1	207 E 21 DAT
9	2	159.5	200	-	5C/_F_21.DA1

 Table P.1
 Tables of Masking Parameters Used on Data Collected during Third Site

 Visit at Site C
 Visit at Site C

\_\_\_\_ Checked by <u>Jin-Cheng</u> Lin. Yin-Cheng Lin Performed by\_ Jiabei Yuan

Receiver Spacing (ft)	Masking Interval	Masking Start	Masking Stop	Number of	Filename	
opuenis (it)	1	0	38.25	1		
9	2	78.5	200		3C8_F_21.DAT	
	1	0	27.5	1		
	2	28.75	32	1		
18	3	60.25	71.75	2	3C5_F_43.DAT	
	4	120.75	200			
	1	0	22	1		
18	2	28.75	31.5	1	3C6_F_43.DAT	
	3	107.75	200	-		
	1	0	31	1		
18	2	58.25	61.5	2	3C7_F_43.DAT	
	3	122.25	200	-		
	1	0	23.5	1		
18	2	28.75	33.25	1	3C8_F_43.DAT	
	3	104	200	em		
25	1	0	16.25	1	2C1 E 21 DAT	
23	2	76.62	100	-	501_F_21.DA1	
25	1	0	17.62	1	2C1 E 42 DAT	
23	2	67.25	100	-	501_1_45.DAT	
	1	0	16.62	1		
25	2	38.25	41.25	2	3G6_F_21.DAT	
	3	82	100	-		
25	1	0	17.88	1	3G6 E 43 DAT	
25	2	72.25	100	<b></b>	JU0_1_4J.DA1	
50	1	0	9	1	3G2 E 21 DAT	
50	2	66.38	100	-	JO2_1_21.DA1	
50	1	0	8.88	1	3G3 E 21 DAT	
50	2	68.62	100		JUJ_F_21.DAT	
50	1 0		7.75	1	3G3 F 43 DAT	
50	2	42.62	100	-	505_1_T5.DAI	
50	• 1	0	9	1	3G4 F 21 DAT	
50	2	46.75	50	-	JUT_1_21.DA1	

Table P.2Tables of Masking Parameters Used on Data Collected during Third SiteVisit at Site C (Continued)

\_\_\_\_ Checked by <u>Jin-Ching Lin</u>. Vin-Cheng Lin Performed by\_ Jiabei Jiabei Yuan

Receiver Spacing (ft)	Masking Interval	Masking Start Frequency, Hz	Masking Stop Frequency, Hz	Number of Jumps	Filename	
50	1	0	7.69	1	2C4 E 42 DAT	
50	2	48	50	-	504_F_45.DAT	
	1	0	8.81	1		
50	2	24.44	25.5	2	3G7_F_21.DAT	
	3	49.94	50			
	1	0	7.88	1		
50	2	23.63	24.75	2	3G8_F_21.DAT	
	3	47.5	50	-		
50	1	0	7.88	1	268 E 42 DAT	
50	2	45.63	50		500 <u></u> <u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u></u>	
	1	0	4.75	1		
100	2	21.38	23.06	3	3G5_F_21.DAT	
	3	42.81	50	-		
100	1	0	4.88	1		
	2	11.56	12.69	2	2C0 E 21 DAT	
	3	20.25	22	3	509_F_21.DA1	
	4	49.88	50	-		

Table P.3Tables of Masking Parameters Used on Data Collected during Third Site<br/>Visit at Site C (Continued)

Performed by <u>L'abei</u> Checked by <u>Jin-Cheng Lin</u>.